
SGDC FLOODLIT BQE

22ND OF MARCH 2026

Schedule

| | |
|------------------|---------------|
| Pilots arrive | 10:30 - 11:45 |
| Pilots check in | 11:30 |
| Pilot briefing | 12:00 |
| Track walk | 12:15 |
| Qualifying heats | 12:30 |
| Triple finals | 17:45 |
| Track tear down | 20:30 |
| Vacate site | 21:00 |

Location

Yate Outdoor Sports Complex
Broad Ln
Yate
Bristol
BS37 7LB

<https://goo.gl/maps/43mFSPcVK2mBpYfk7>

(Site map at the end of the pilot pack)

The schedule is approximate and weather dependent.
Drinks and snacks are available in the cafe.

IMPORTANT NOTES

Track ground lighting runs at **110 V**, please do not touch it to avoid getting a shock

Coloured LED's on your quads are strongly encouraged

Charging may only take place outside of the club house

Wear appropriate footwear

Prepare for darkness - bring head torch / etc

Please arrive in time to check-in

We **CANNOT** guarantee testing time - please arrive with fully tested and working gear

Arrive with **props off** and prepared to perform a failsafe check **and TX power check**

Have your **VTX set to the correct channel**

NO TAKING OFF FROM THE RED RUNNING TRACK

ABSOLUTELY NO ILLEGAL SUBSTANCES

Review the night racing section



Race Format

Check-in

Please bring all the quads you wish to race to check-in.

We will check

1. Failsafe (arrive with **props off**)
2. Insurance (if not uploaded to IFPV)
3. VTX power set to **25mW**
4. TX power set to **100mW** - 2.4 GHz / **25mW** - 900 MHz (show your settings screen)
5. Battery voltage does not exceed 4.35 V per cell.
6. **CAA Operator ID label visible**

Heats

You will remain in the same heat and use the same video frequency throughout all qualifying rounds.

Heat lists are provided at the end of this pack. Please arrive with your quads set to the correct channel.

Qualifying heats will consist of up to 6 pilots and will be labelled numerically - please listen for your heat number so that you are ready in time for your next race.

For all rounds, you will have 2 minutes to complete as many laps as you want, then 30 seconds to finish the remainder of your current lap.

Once the round is over or you hear '<Pilot Name> done,' land in the landing zone quickly and safely **without showboating**.

All pilots will be seeded into finals by their single best top 3 consecutive lap time, if two pilots have equal times, then their positions will be determined by the fastest overall time. If you do not complete 3 laps, we will seed from the bottom by top 2 consecutive then top 1 laps.

There will be no lap cap - your best 3 consecutive laps will be counted. If your battery is depleted, you should land.

Finals

Final format will be triple finals for all.

Each of the 3 final rounds will be the first to complete the allotted laps.

The number of laps will be 3 laps for all heats in the finals.

There will be no time limit on rounds during the finals.





Points on offer per final are as follows:

- 10 points for 1st
- 7 points for 2nd
- 5 points for 3rd
- 3 points for 4th
- 1 points for 5th
- 0 points for 6th

Points will be added together to determine your final finishing position from all 3 finals.

Track teardown & prizes

We would ask that, if possible, pilots help with the 'teardown' process of the event; track equipment as well as the pits and race control area. This would be greatly appreciated!

Please take track equipment over to our shed.

Stay for the prize ceremony if you can, you may have won a prize!

Track walk

The track will be revealed to all pilots after the pilot briefing. Pay attention in order to learn the track.

The track can be found on Velocidrone with the name SGDC Floodlit BRQE March 2026

Steve has also produced an amazing facility to do a virtual track walk, the virtual track walk for this track can be found at: <https://trackforge.racing/mi9f43pB>



Mandatory Drone Rules

| | |
|---------------------------|--|
| Frame size | Motor to motor distance of 305 mm maximum |
| Props | No maximum |
| Weight | No maximum |
| Battery | 6S HV (26.1 V) maximum, if you exceed this you will be asked to leave without exception |
| Video | PAL or NTSC are allowed, Analogue & HDZero (firmware version > 20102021) |
| Turtle mode | Not allowed: On or beyond the red running track Allowed: When on the grass within the bounds of the red running track |
| VTX power | 25 mW maximum, testing to take place if required |
| TX power | 100 mW maximum, transmitter settings may be reviewed |
| Failsafe | All competitors must set up failsafe to cut motors COMPLETELY in the event of signal loss |
| Crossfire | Firmware \geq 2.41, max output power of 25 mW |
| ELRS / any 2.4 GHz | Max output power of 100 mW |
| Lap timing | Trackside & Rotorhazard VTX timing will be used, no transponders are required |

Event Rules & Etiquette

| | |
|--------------------|--|
| Site rules | Follow the site rules at all times, these can be found at the entrance gate. Anyone found violating the site rules will be asked to leave. Illegal substances will result in immediate ejection from the site. The track is strictly off-limits unless Race Control explicitly declares it safe to enter. If your batteries are over charged and exceed 4.35 V per cell you will be asked to leave. Batteries may only be charged outside of the club house. Absolutely no charging inside |
| Punctuality | Pilots not checked in before the pilot briefing may not be allowed to fly. Please be ready for your race before the previous one ends. If you have a technical difficulty during setup that cannot be fixed before the 10s countdown, you must leave the track with your aircraft powered off and forfeit the round. |



- Shelter** The pit area is an undercover stadium style section of seats. Gazebos are not required to shelter from the elements. We will also have use of a section of the cafe, and the MAB (our whoop venue).
- VTX** We will be using channels R1, R2, R3, R4, R5, R6, R7, R8.
- Please make sure you are familiar and able to change your own video transmitter channel.
- Do not power up your video transmitter unless you are racing, doing so could result in immediate disqualification.
- Spotting** Make sure you fulfil the role of a 'spotter' for the race immediately before your own.
- Competitors in the first race in each round should spot for the last race.
- As a spotter it is also your job as a minimum to count laps, and inform pilots of any missed gates and track elements.
- A TV will be provided in case you do not have an HD/analogue receiver for your spotted pilot.
- Some competitors may choose to have a certain individual as their spotter, please be respectful of this.
- Preparing to race** A starting area / table is provided, you are welcome to use your own blocks & we will provide some with different angles.
- Please stay behind the blocks at all times. Make sure other pilots are away from the blocks when you arm check.
- Race start** Upon pilots getting back to the flight line, Race Control will check that pilots are ready, calling for thumbs up - once Race Control has done this check, you will be given the starting procedure which comprises of the usual tones and a randomised period before a long beep to signify the start of the race.
- Once the race has started you will have 2 minutes to do your laps, once the 2 minutes is up, you have 30 seconds to finish the lap you are on.
- During the race** Please do not fly anywhere outside of the red running track, this includes Tiny Whoops!
- If you crash and are unable to recover and continue flying, no matter how frustrated you may be, wait until the round finishes, any shouting or distracting other pilots will result in penalties.
- Please keep race control and the pilot stations clear of distractions so that the Race Director can see and hear everything that is happening, and can

communicate with the pilots when necessary. A viewing station will be in the cafe, do not spectate from the pilot area.

If a gate becomes unflyable or the race director deems that there will be a disadvantage because of a damaged gate, the race will be stopped and the race re-run. Pilots will be given time to prepare their equipment to race again.

A race will only be stopped by the race director with the air horn or over the PA system as demonstrated in the pilot briefing. If anyone other than the race director says to stop flying, ignore them until the race director has made a decision.

Spectators

Coloured props, LEDs and coloured turtle mode fins are advised to help spectators identify your quads as they fly around the track.

Spectators are encouraged but must not enter the track area.

The café / bar is open to everyone and also offers shelter, toilets, food and drink.

Night racing

Night racing

A portion of this event will take place at night, with limited visibility on the track. The venue's lighting will be configured to take maximum advantage of the **fully illuminated** track. Gates will be lit by LED lighting and we will have ground lighting, however the remainder of the track will be dark.

Camera settings

Make sure your camera is set up for night flying. All elements will be illuminated and the track will not be fully lit, as the full floodlights cause issues with blowout and flare.

Torches and safety

The ground lighting runs at **110 V**, do not touch the ground lighting whilst powered to avoid a shock. If you need to reposition or untangle a quad please make sure power is shut down before doing so. Please check if you are unsure.

When out on the track, e.g. looking for your quads, please make use of the light on your phone, or a dedicated torch or head-lamp. This will allow you to be visible to the Race Director (and make it easier for you to find quads). **Bringing a head-lamp is strongly recommended.**

LEDs

We strongly encourage you to have LEDs on your quads, so that you can locate them, and to improve the spectacle for spectators.

On-track lighting

All gates are powered by battery packs on the ground, be mindful of them when walking around the gates and when re-arming after a crash. There may also be lighting fixtures on the ground, please pay attention to them.

Infringements

1. If you are unable to attend the race, contact the SGDC ASAP. We can then allocate your place to a reserve pilot.
 - a. No refunds will be given unless your place is filled by another pilot.
2. If you land on the athletic track, **disarm your quad immediately**.
 - a. **DO NOT turtle mode or take off due to risk damaging the track.**
 - b. If you damage the track due to turtle mode you will be liable for the repair costs.
3. Competitors who miss a gate or flag must retry the gate or flag in a safe manner until it is completed, giving priority to any other competitor on the track whilst doing so
4. Competitors who gain advantage through a shortcut or jumped start must forfeit that advantage immediately by waiting off the racing line and re-joining at their appropriate position (and only when it is safe to do so).
5. Disrupting other pilots on the pilot line e.g. if you have crashed out, will have their best qualification result deducted. It is unfair on the other pilots, causing loud noise and moving past them is extremely off putting, this will be taken seriously and failure to listen to this rule further could result in disqualification.
6. If a competitor is flying in a dangerous manner then they will be subject to a forfeit, this decision is up to the race director. For example: Not disarming after a crash which leads to a further collision.
7. Repeated violations will result in a score of zero for that round and possible disqualification from the event.
8. Over charging batteries beyond 4.35 V per cell will result in disqualification and being asked to leave. Random spot checks may take place.
9. Failure to comply with safety rules or announcements will result in instant disqualification from the event.

Heat List and Channels

| TimeTrial 1-1 | | TimeTrial 1-2 | |
|---------------|--|-----------------|--|
| ZJAFPV | R1  | SuperSquishyFPV | R1  |
| KPV | R2  | Aaron | R2  |
| lightsail | R3  | DavNav | R3  |
| martinfpv | R4  | DanbusterFPV | R4  |
| MrE | R5  | BatmanFPV | R5  |
| razbri | R6  | CliveFpv | R6  |

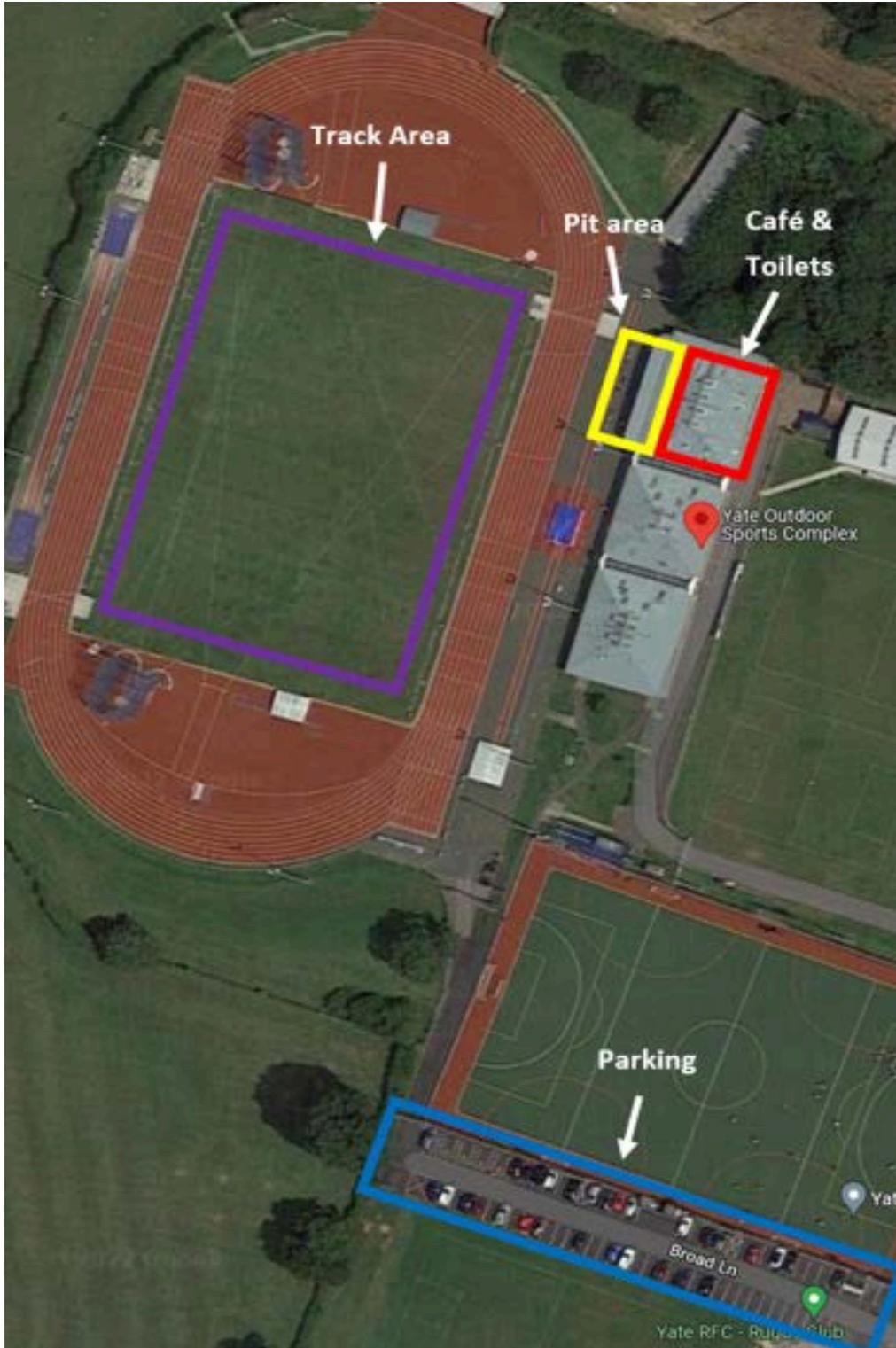
| TimeTrial 1-3 | | TimeTrial 1-4 | |
|---------------|--|---------------|--|
| ReikonFPV | R1  | CruiseFPV | R1  |
| Conan | R2  | CircleS | R2  |
| Bam_ | R3  | Minus_One | R3  |
| Derpyhooves | R4  | BoltyFPV | R4  |
| FPV_Lukey | R5  | M4TTFPV | R5  |
| TheChef | R6  | Rammer | R6  |

| TimeTrial 1-5 | |
|---------------|--|
| kiz | R1  |
| 8M1 | R2  |
| RoscoFPV | R3  |
| xgoodvibesx | R4  |
| JRo | R5  |
| Polar_ | R6  |

Trackside link can be found here:

<https://fpvtrackside.com/event/b89dc4f6-0e69-4d82-a811-c5a37832e478/>

Site Map





Contacts Details

Facebook page <https://www.facebook.com/southglosrc>

Facebook group <https://www.facebook.com/groups/393480948047927>

Email info@sgdc.co.uk

Website <https://sgdc.co.uk>

Discord <https://discord.gg/vJW3eNH4Vd>

Race Director

Kieran Bartlett

Committee members

Leigh Elwell (Mr E)

Craig Oram (8M1)

Aaron Smith (Aaron)

Stephen Gibbs (ReikonFPV)

Kieran Bartlett (Kiz)

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